

the characters are mostly artificial
and yet not constant — but
we must take Nature as we find
her and not attempt mathematical
precision where there is
none.

They have persuaded me to
send some observations on
species & genera which I read
in 1858 at the Linnæan Society
to the Natural History Review
they will appear in the April
number. — I expect soon to
have the commission for the
Australian Flora — In the mean
time I am working at Geneva.

Species distribution is going
on the plants are named ~~after~~
the leaves which Sir W. Hooker has
in hand and I hope your papers
will be at Tubingen by the end
of the month.

Yours very sincerely
George Donnan

New March 6/61

My dear Gray.

I received yesterday yours
of the 19th Feb. and hasten
to tell you that your
Banara Mexicana seems to be
a good species — but not of
the *S. Pineda* — I can find
nothing in the flower to
divide the *Banaras* into
sections, but merely distribute
them into three groups chiefly
by the inflorescence which
is simple in *Pineda* and in
two new species one from
S. Domingo and one from
Mexico which I was going to
call *B. Mexicana* in a paper
I am to read tomorrow at the

Linnian Society - but you
 letter having come just in
 time I adopt your *D. missouriensis*
 and give another name to mine
 the only difference in the flower
 I can find is that in ~~the my~~
 it group which includes *Kuhlia*
Kuhlia ulmifolia the sepals
 are left closely valvate being
 usually open in the bud showing
 part of the petals (or inner
 series of sepals) in my *D. grayi*
 to which your *D. missouriensis* belongs
 the sepals are strictly valvate &
 completely enclosing the petals
 My species are

51 *H. paniculata* Sepala ^{in alabaster} non crumina
 stricto clausa

1 *D. parviflora* *Kuhlia* A. Gray { perhaps both one
 2 *D. tomentosa* Ellis { and the same as a
 plant of Woodson's

I have seen no authentic specimens of your
 or Clor's

3 *D. ulmifolia* *Kuhlia* HBK

4 *D. laeviflora* Greene sp. n.

5 *D. pubescens* Greene sp. n.

52 *H. paniculata* Sepala in alabaster
 stricto valvata

7 *D. glauca* *Kuhlia* HBK - Not seen perhaps
 only *D. guianensis*

8 *D. guianensis* Aubl.

9 *D. Nelsonii* Gardn. very near *D. guianensis*

10 *D. Thaqueensis* Kel. I think a good species

11 *D. brasiliensis* - Acro Schott - certainly
 distinct from *D. Nelsonii*

12 *D. missouriensis* A. Gray - the short petiole
 5 ribbed leaves, loose panicle and connect
 flowers, near good characters ^{in some respects}
^{very near *D. laeviflora*}

12 *D. antiochiensis* Greene

53 *D. simplex* racemosa, & fasci-
 culata.

13 *D. grandiflora* Greene

14 *D. incana*, Pineda A. D.

15 *D. dioica* sp. n. Vera Cruz Mexico

16 *D. domingensis* sp. n.

With regard to *Sickhoperium*
 it was on Steudinger Clor's detailed
 character taken from Plummer's speci-
 men and especially his describing
 the thick valvate sepals that led
 me to identifying it with *Dichlo-
 carpus* - for I knew there was
 nothing of the kind in *Dixaceae*

I am now at Caryophyllaceae
 among which I am much bewildered